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FIG. 1  
(PRIOR ART)

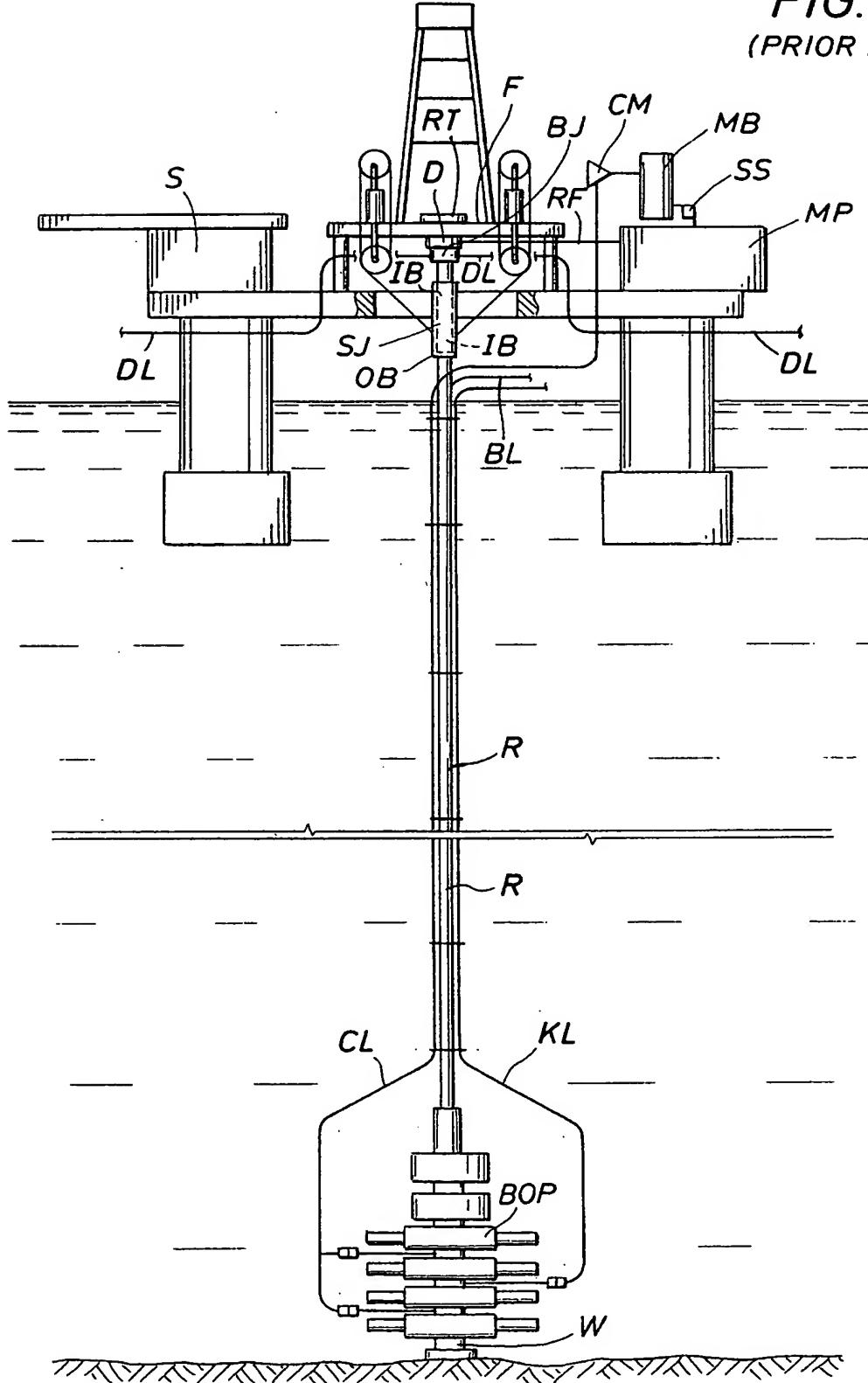
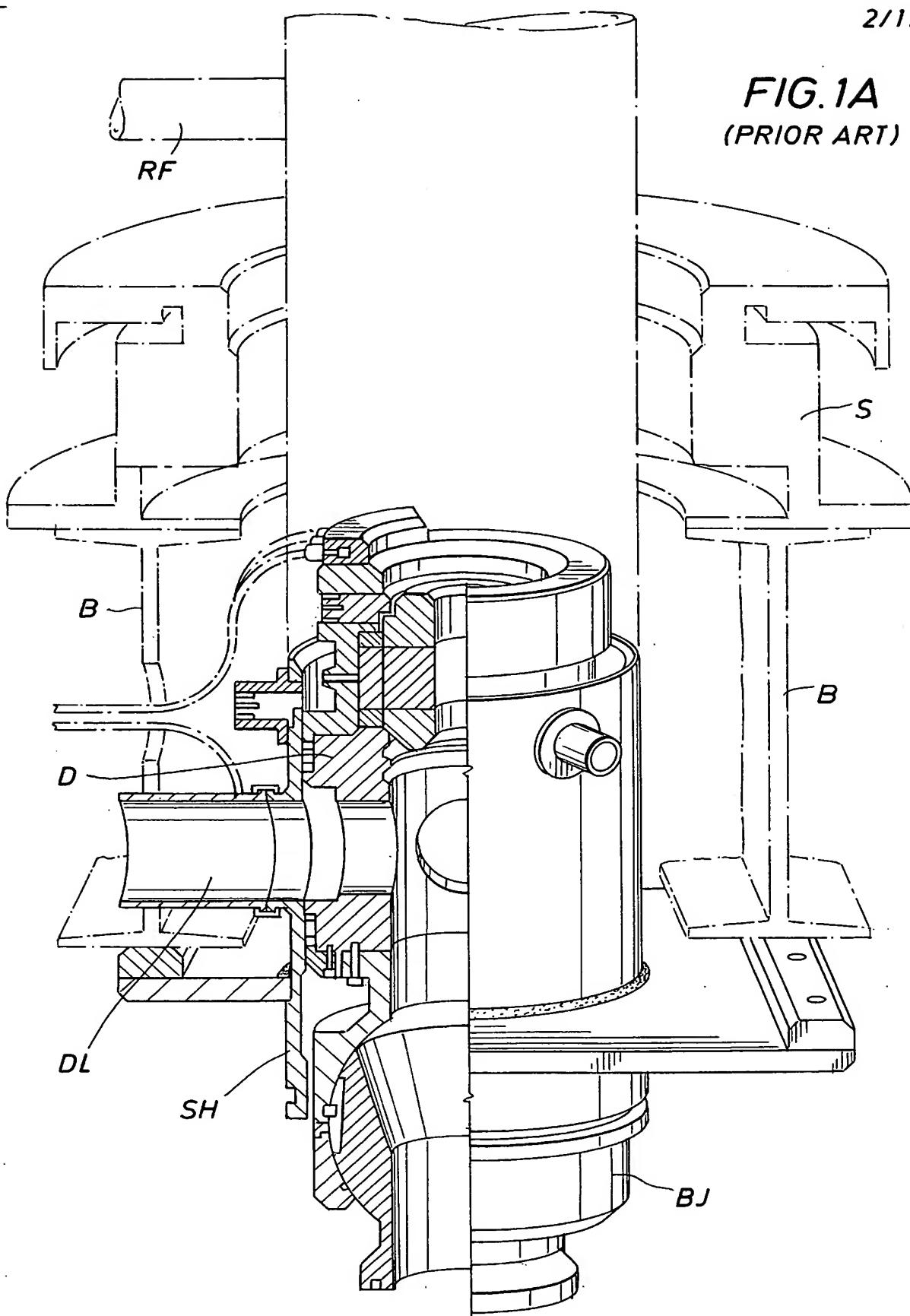


FIG. 1A  
(PRIOR ART)



**TITLE:** METHOD AND SYSTEM FOR RETURN OF DRILLING FLUID FROM A SEALED MARINE RISER TO A FLOATING DRILLING RIG WHILE DRILLING  
**INVENTORS:** Darryl A. Boutgoyne and Don M. Hannegan  
**ATTY DKT NO.:** H055010.0035US1

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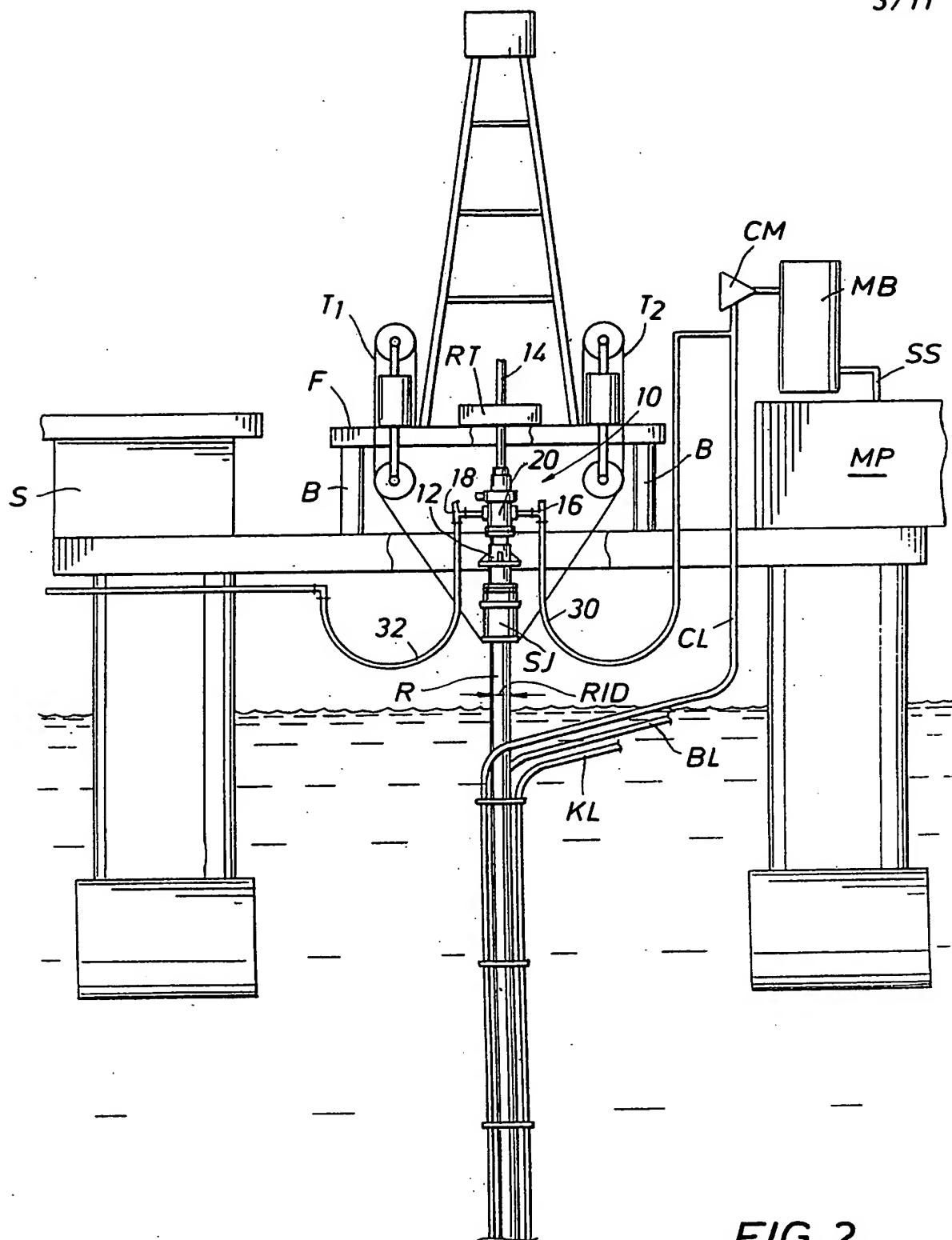
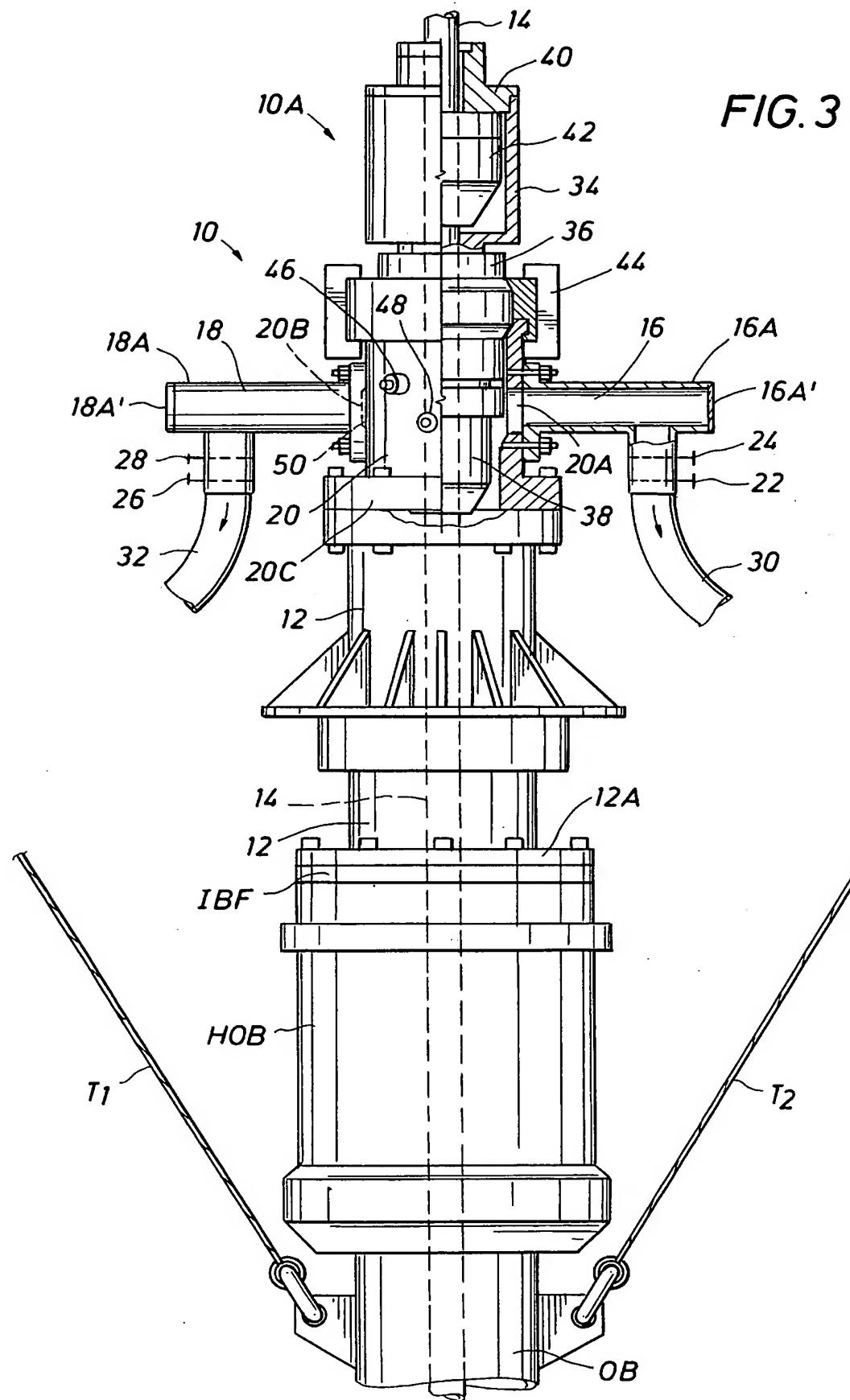


FIG. 2



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FIG. 4

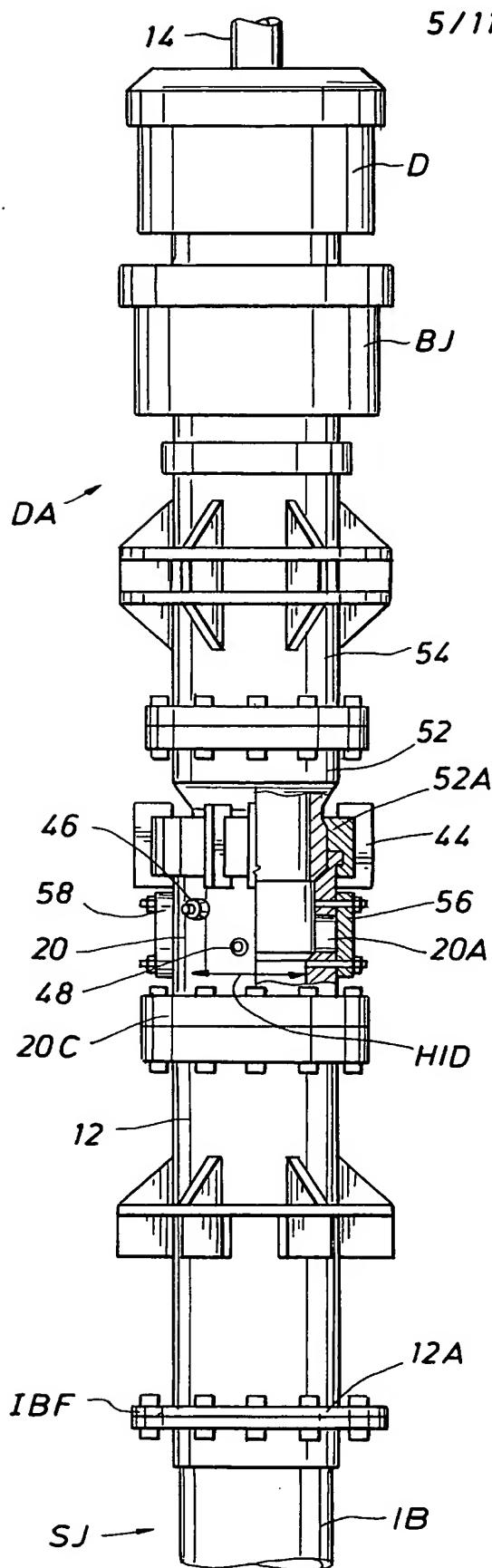
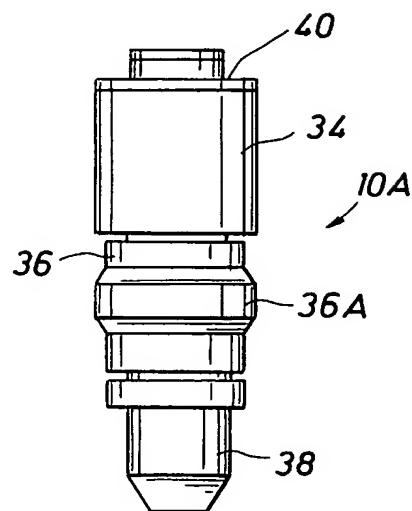


FIG. 5



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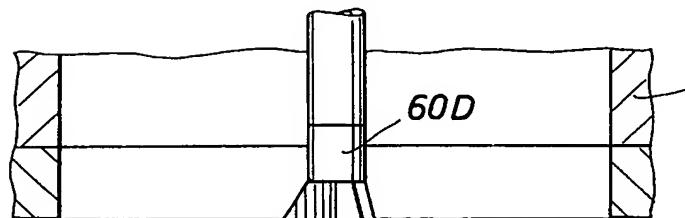


FIG. 6

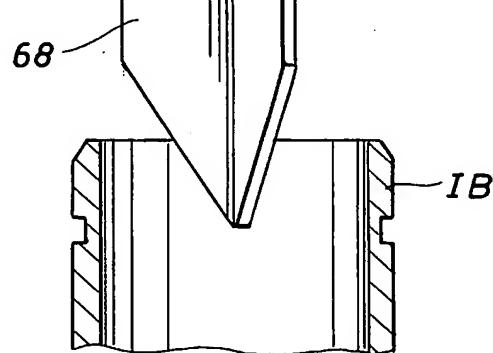
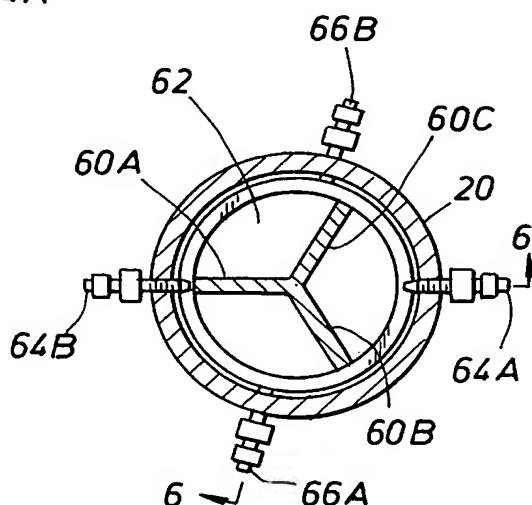
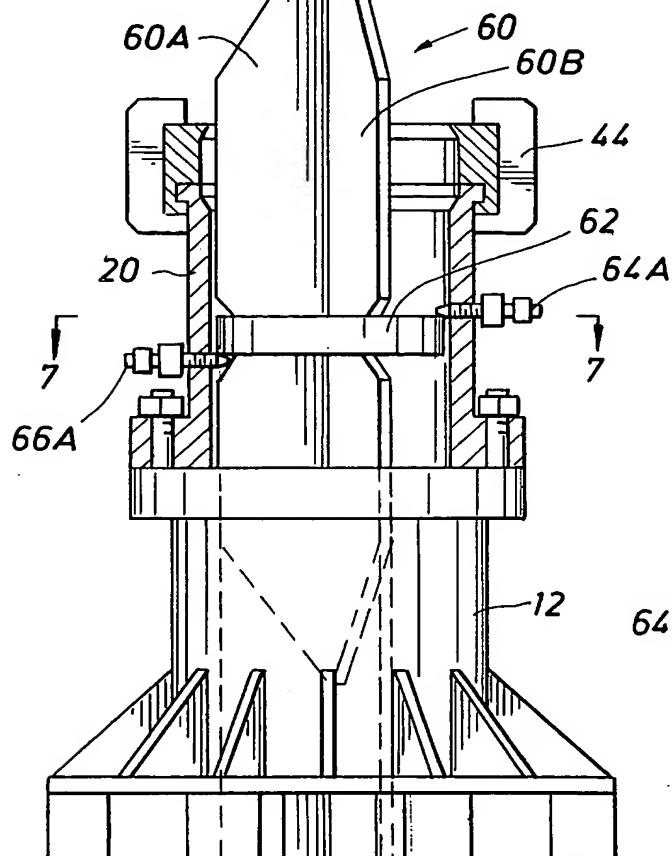
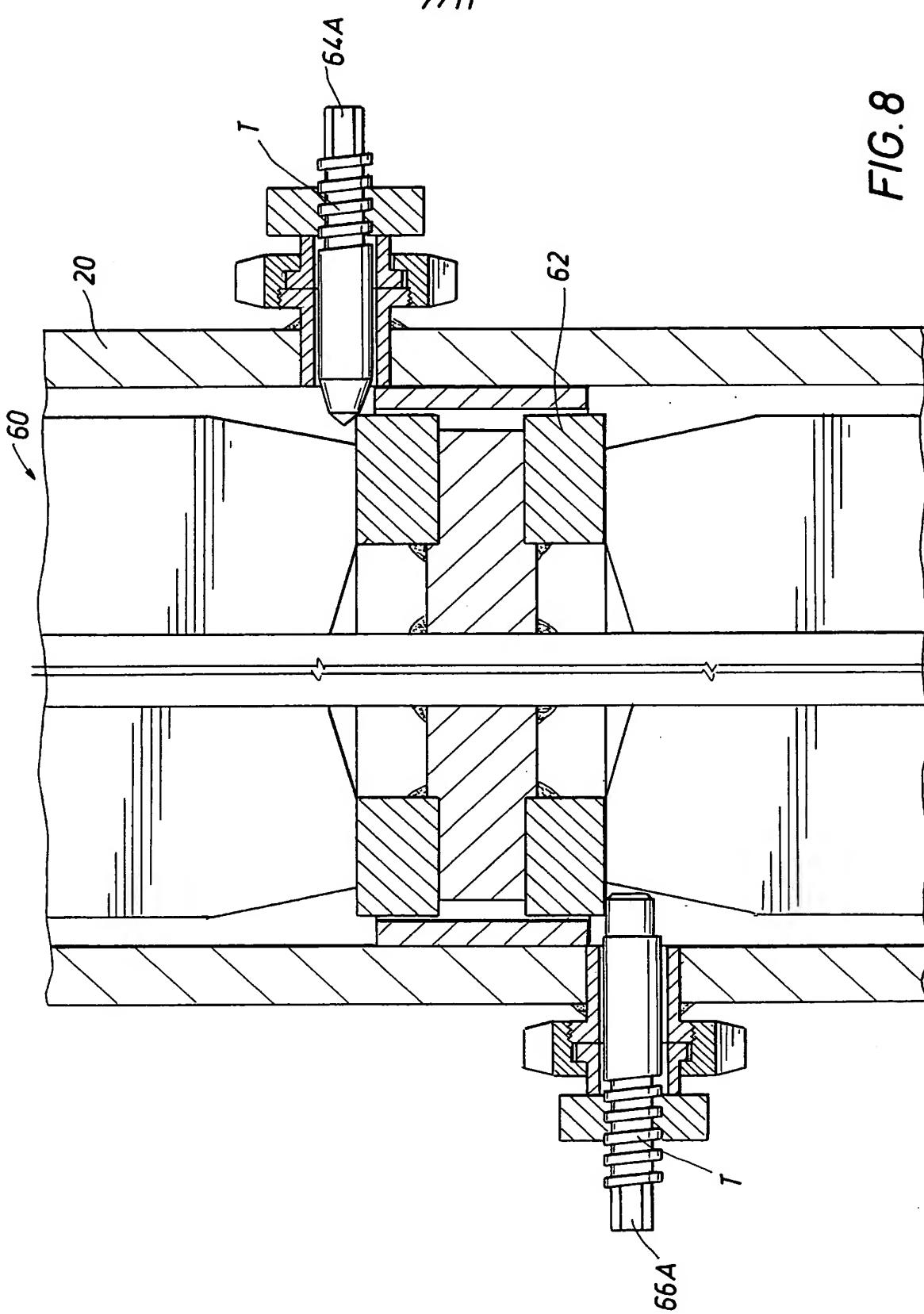


FIG. 7

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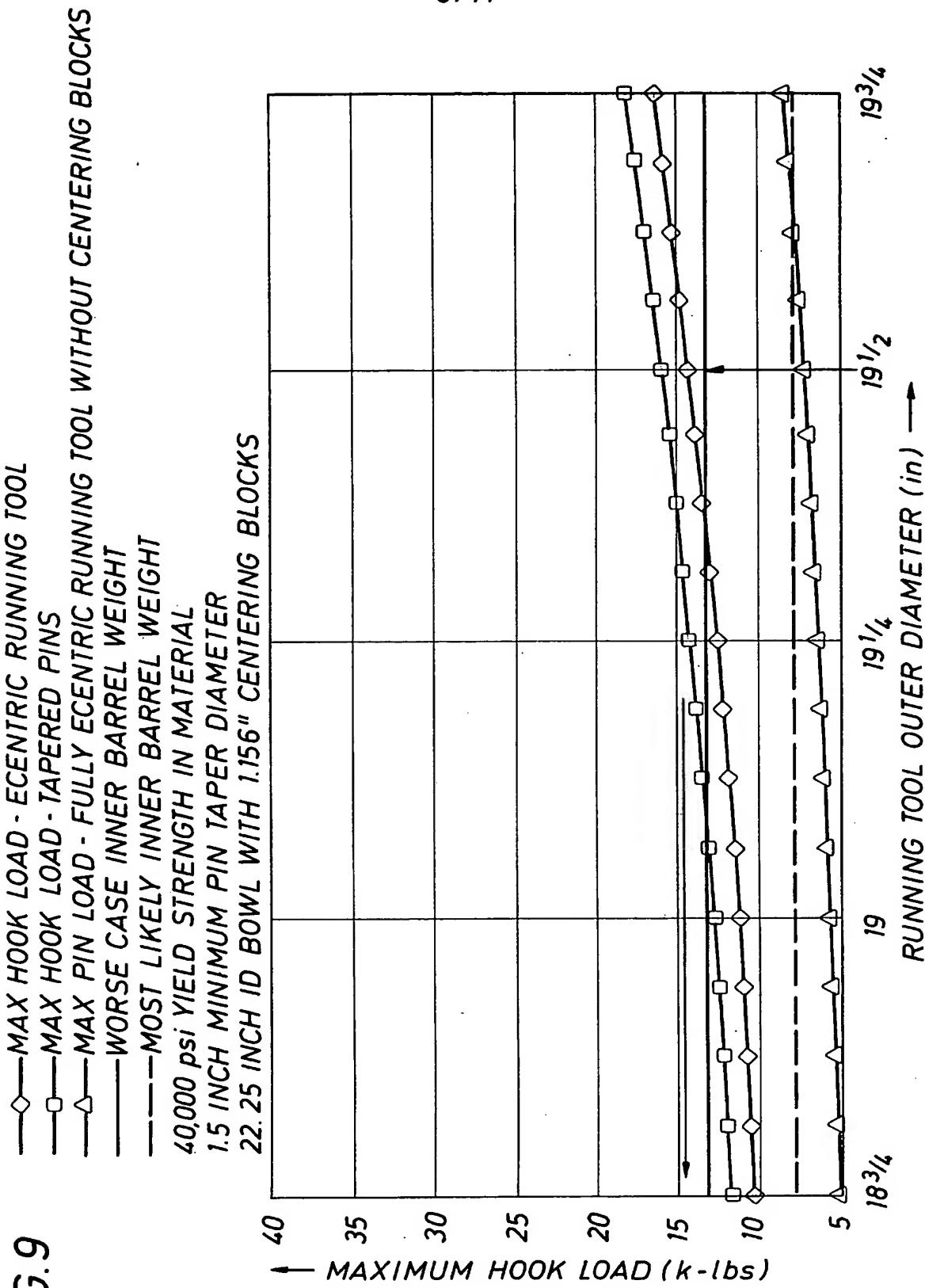
FIG. 8



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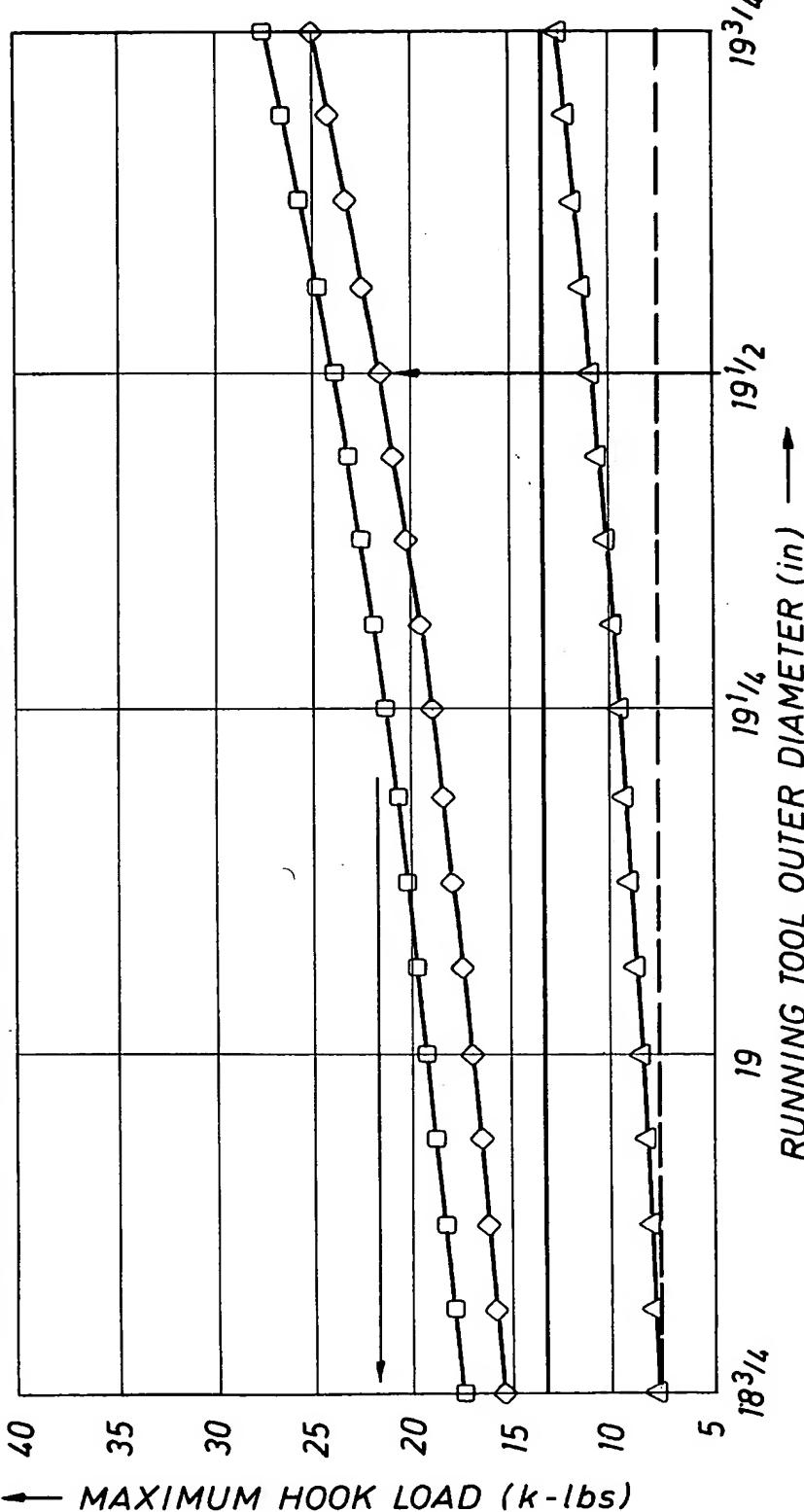
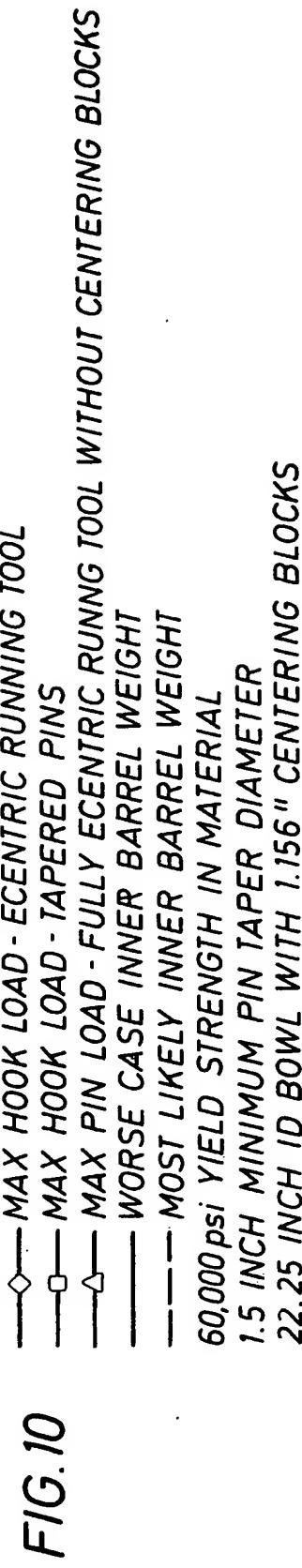
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FIG. 9



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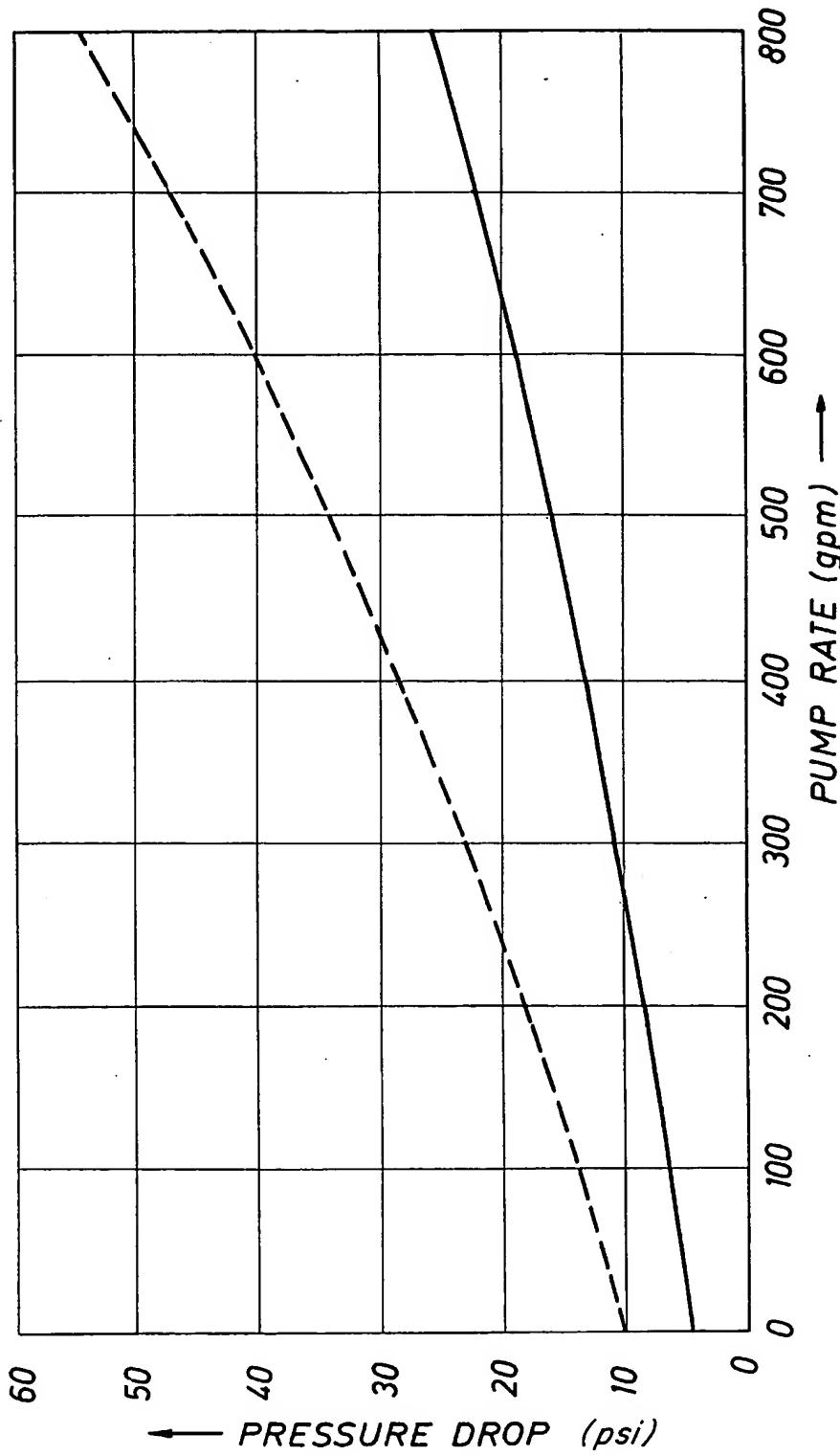
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FIG. 11

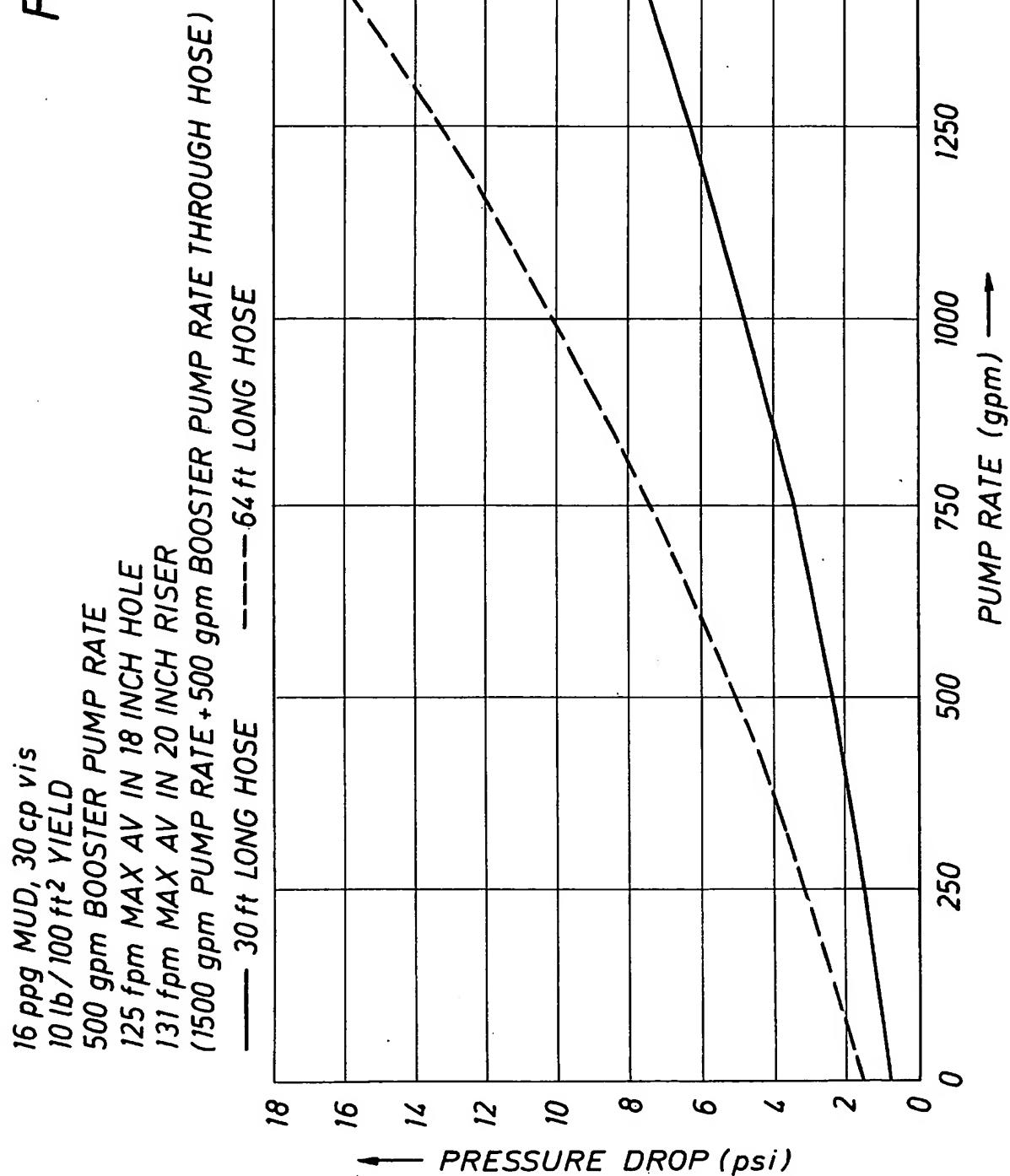
16 ppg MUD, 30 cp vis  
10 lb/100 ft<sup>2</sup> YIELD  
500 gpm BOOSTER PUMP RATE  
291 fpm MAX AV IN 9.6 INCH HOLE  
85 fpm MAX AV IN 20 INCH RISER  
(800 gpm PUMP RATE + 500 gpm BOOSTER PUMP RATE THROUGH HOSE)  
— 30ft LONG HOSE —— 64ft LONG HOSE



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FIG. 12



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